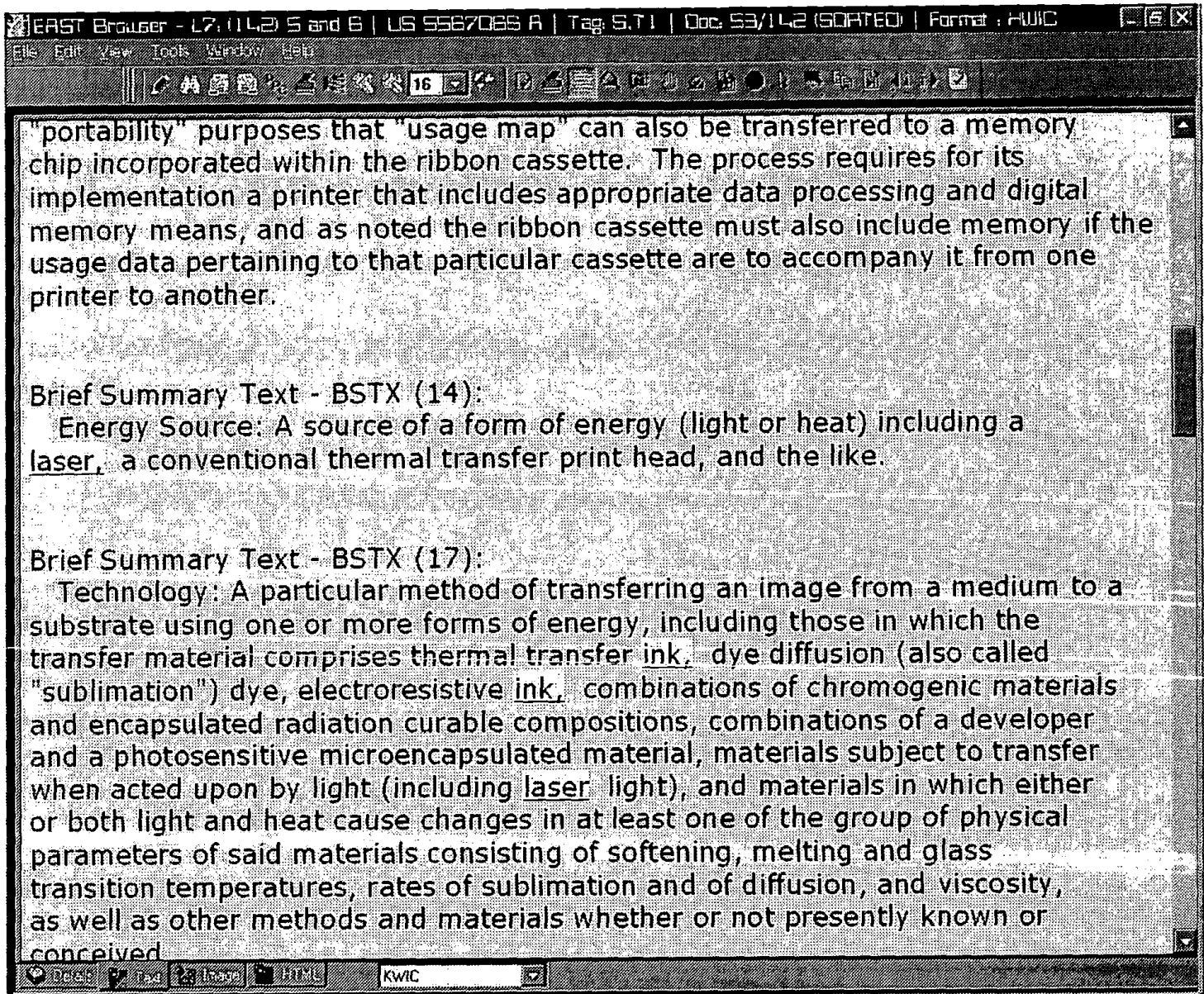


Thus, thermal dye diffusion transfer is a completely dry process totally under electronic control, leading as desired to continuous or full tone images in mosaic pixel patterns, such as needed for electronic photography printouts, color proofing and especially colour filters for LCD's.



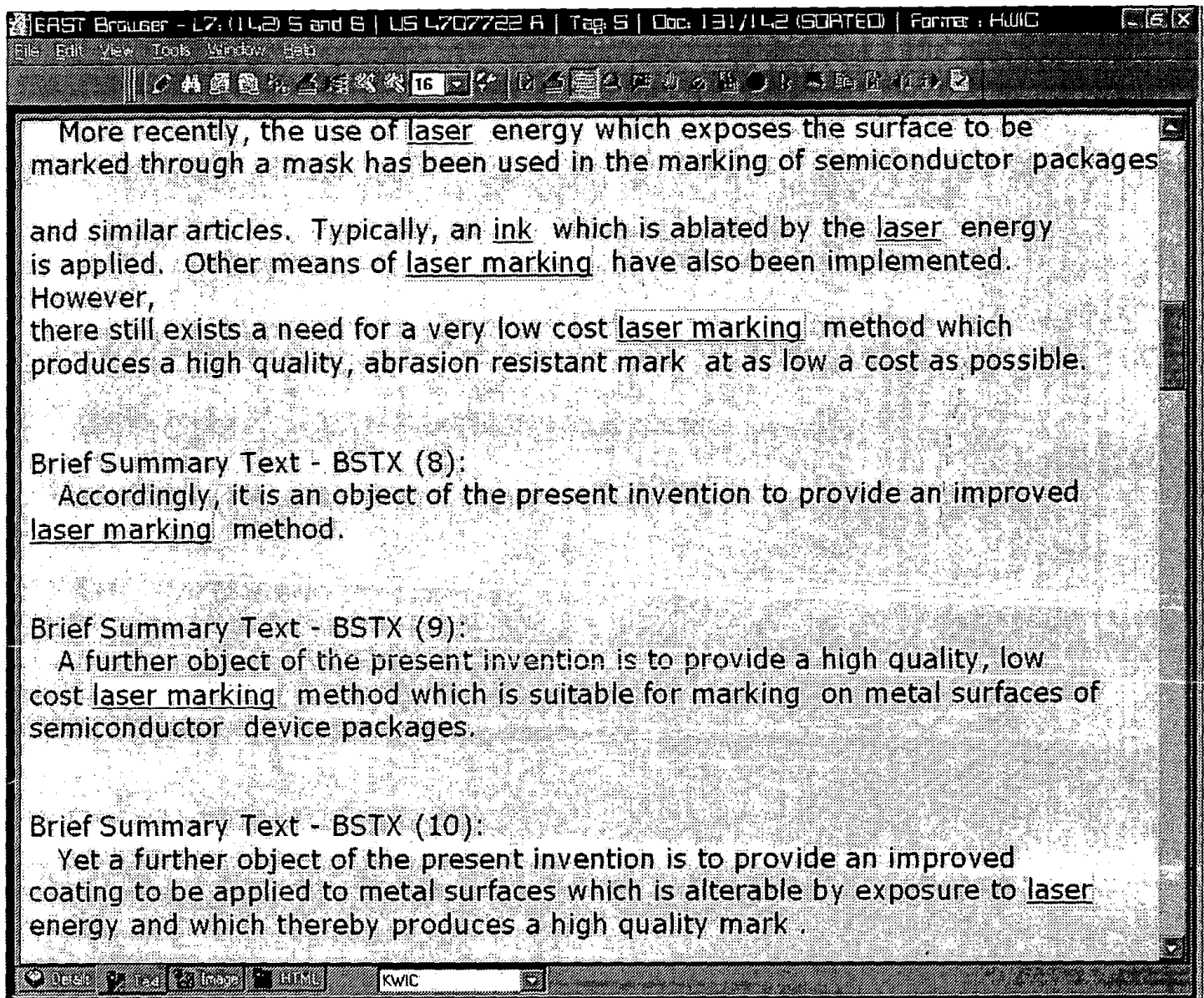
"portability" purposes that "usage map" can also be transferred to a memory chip incorporated within the ribbon cassette. The process requires for its implementation a printer that includes appropriate data processing and digital memory means, and as noted the ribbon cassette must also include memory if the usage data pertaining to that particular cassette are to accompany it from one printer to another.

Brief Summary Text - BSTX (14):

Energy Source: A source of a form of energy (light or heat) including a laser, a conventional thermal transfer print head, and the like.

Brief Summary Text - BSTX (17):

Technology: A particular method of transferring an image from a medium to a substrate using one or more forms of energy, including those in which the transfer material comprises thermal transfer ink, dye diffusion (also called "sublimation") dye, electroresistive ink, combinations of chromogenic materials and encapsulated radiation curable compositions, combinations of a developer and a photosensitive microencapsulated material, materials subject to transfer when acted upon by light (including laser light), and materials in which either or both light and heat cause changes in at least one of the group of physical parameters of said materials consisting of softening, melting and glass transition temperatures, rates of sublimation and of diffusion, and viscosity, as well as other methods and materials whether or not presently known or conceived



Cite 6226020
Cite 4753863